

From 8<sup>th</sup> June 1894

To 10<sup>th</sup> August "

No 3595-3599

No 3492-3532

Next Hyd. 3492

" Dr. 3598

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*S.P.C.* 32° 01' N 144° 34' E

No. *23598* Date *June 8/94*  
*Tanner* Machine. Reel.

Turns *32* Cor. + *2* Depth *34.*

Shot or lead

Bottom *bd g.*

Bottom temperature } *none*

No. of thermometer } *10000* Cor.

Corrected temperature

Air *43* Surface *40* Drift *SE (mag)*

Trawl or dredge *large beam* 2 miles.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>3.18</i>	<i>3.19.15</i>	(0)	<i>3.24.02</i>	<i>3.49.00</i>
		(48)	<i>3.28.44</i>	
		(100)	<i>3.31.30</i>	<i>3.44.40</i>
		(125)	<i>3.34.30</i>	
		(150)	<i>3.37.20</i>	<i>3.43.30</i>
		(175)	<i>3.35.18</i>	
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS:

16 Shrimders (*Pleuronectes*)  
 9 " " (*Lepidopsetta*)  
 3 Dolphins (*Podosheucus*)  
 2 " " *Anglops*  
 many small, *centrodarmicthys*  
 Sponges, 8 species  
 Shells, 6  
 Shrimps, 4  
 Many ophiurians, 3 crabs

} Fishes  
 } Invertebrates

52° 05' 00" 177° 40' 00" E

8

No. 3579

Date June 9<sup>th</sup> 1891

Machine.

Reel.

Turns 53 Cor. + 2

Depth 55 fms.

Shot or lead

Bottom rky. brk. s. & sh.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 43 Surface 47 Drift

Trawl or dredge Large beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
10.48.30	50.45	0	10.53.00	11.25.00
49.30	49.45	60	11.00.00	11.21.35
		100	05.00	11.17.15
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Grid guy Course 16 1/2 N mag. 0.3 miles

Star corner up inside tower  
Nothing east

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

5213

53

490

12

10

2

53

55 fms.

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5				
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

55-06 of Fisher's  
 163-28  
 No. 3600 Date June 16<sup>th</sup> 94  
 Tanner Machine. Reel.

Turns 8 Cor. + 1 Depth 9 fms

Shot or lead 25-lb.

Bottom fine dk S. vol.

Bottom temperature 40

No. of thermometer 63902 Cor. -

Corrected temperature 40

Air 43 Surface 41 Drift

Trawl or dredge Large Beam mud bag & butterfly

SOUNDING WIRE.

DREDGE ROPE.

TURNS.

DOWN.

UP.

DOWN.

UP.

41.00	44.30	0	3.37:00	15-50
41.15	44.15	60	41.40	4-12-50
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

But surface net over at 3.44 in at 4.1400

C. Log



	2500	
	2600	
	2700	
	2800	
.98	2900	15
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	143 13
	3600	8 11
	3700	535
	3800	8
	3900	9
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5	40	62903	-	40
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

57.59 - 166.04.

No. 349 <sup>1541</sup> Date June 29<sup>th</sup> 96

Machine. Reel.

Turns 30 Cor. + 2 Depth 32 fms.

Shot or lead 25 lb

Bottom gy. S.

Bottom temperature 33.

No. of thermometer 63902 Cor. -

Corrected temperature 33.0

Air 44 Surface 28 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1.07.30

1.08.45

0

08.00

08.15

30

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

O. Log 23.8  
 Lat over 15 Cor higher for 30"  
 current 2 cor.

	2500		
	2600		
	2700		
	2800	5213	12
	2900	30	10
	3000	513	2
	3100		30
	3200		2
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

### SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

58-054165.22

No. 3212 Date June 19 1897

Tanner Machine. Reel.

Turns 25 Cor. + 1 Depth 26 fms

Shot or lead 25 lb

Bottom fine gy S.

Bottom temperature 35.7

No. of thermometer 63902 Cor. 0

Corrected temperature 35.7

Air 45 Surface 38 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

15-25 17-00  
16-40 18-10

0

25

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

P. Log. 115.8

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

5-6-12  
20-11  
578-1

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

58-24 = 163-38

No. 3494 Hyd. Date June 29/94  
 Tanner Machine. Reel.

Turns 20 Cor. + 1 Depth 21 fms

Shot or lead 25 lb

Bottom fine gy S.

Bottom temperature 34.5

No. of thermometer 63702 Cor. -

Corrected temperature 34.5

Air 40 Surface 37 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.54.5	11.55.17	0		
11.55.16	11.55.16	(20)		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

57-28-163-14

No.

Hyp.

Date

No.

Machine.

Reel.

Turns 26 Cor. + 1

Depth

Shot or lead

25 lb.

Bottom

fine gy. S.

Bottom temperature

No. of thermometer

63902

Cor. -

Corrected temperature

34.0

Air

38

Surface

38

Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

UP.

DOWN.

UP.

DOWN.

7.36.15 7.37.00

0  
26  
~~100~~

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

56-59-163.02

No. 3416 Date (June 30, 1891)

Machine. Reel,

Turns 32 Cor. + 2

Depth 34 fms

Shot or lead 25 lbs

Bottom fine gy. s.

Bottom temperature 32.0

No. of thermometer 63902 Cor. -

Corrected temperature 32.0

Air 42 Surface 40 Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

12-02-50

03-50

0

03-20

12-03-20

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Log 92.4

14. 12.03 in 12.03

1 cord

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600	543	12
	3700	32	10
	3800	511	2
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

56-59 = 163-48

No. *347* Date *June 30, 1881*

Machine. Reel.

Turns *35* Cor. + *2* Depth *37.*Shot or lead *25 lbs.*Bottom *fine gy*Bottom temperature *34.3*No. of thermometer *65902* Cor. -Corrected temperature *34.3*Air *42* Surface *40* Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

56-58 = 165-15

No. *3407* Date *Aug 11 1881**Cameron* Machine. *C* Reel.Turns *44* Cor. + *2* Depth *44*Shot or lead *25 lb*Bottom *gn. M.*Bottom temperature *34.*No. of thermometer *6390* Cor. —Corrected temperature *34.0*Air *41* Surface *38* Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*33.32**35.01*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	54.5
	3100	54.2
	3200	53.8
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

56-57 = 166-33

No. 3499 Syd. Date July 1 - 1894

Tanner Machine. Reel.

Turns 38 Cor. + 2 Depth 40 fms.

Shot or lead 25-lb.

Bottom gn. m.

Bottom temperature 32.5

No. of thermometer 63902 Cor. —

Corrected temperature 32.5

Air 55° Surface 38° Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

3 19 40

3 19 40

3 19 40

20 1

38

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

56-54=167-51

No. *11* Date *Jan 11 1876*  
*Tanner* Machine. Reel.  
 Turns *42* Cor. + *2* Depth *44 fms*  
 Shot or lead *25 lb*  
 Bottom *gy. S.*  
 Bottom temperature *34°*  
 No. of thermometer *63902* Cor. —  
 Corrected temperature *34.0*  
 Air *39* Surface *39* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8.47.10</i>	<i>28.00</i>	0		
<i>21.35</i>	<i>27.36</i>	<i>42</i> <del>100</del>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Log. 50, 2*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	543
	3100	42
	3200	507
	3300	12
	3400	16
	3500	2
	3600	212
	3700	11
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

57-52 = 167-19

No. *3011* Date *Oct 1 1891*
*Tanner* Machine. Reel.

Turns *35* Cor. + *2* Depth *37*

Shot or lead *25 lb.*

Bottom *gn M*

Bottom temperature *40.5 to 41*

No. of thermometer *63452* Cor. *—*

Corrected temperature *—*

Air *39* Surface *39* Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	0723 12
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3716598

No.

Date

Machine.

Reel.

Turns 57

Cor. +

Depth

Shot or lead

25 lb

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

Air

Surface

Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1.50

P. Log,

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

543  
57  
486

12

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

4' 24' = 1630 51' -

No. 3503 Date July 5 1894  
Machine. Reel.

Turns 4 Cor. + 2 Depth 42 fms

Shot or lead 25 lbs

Bottom crs blk s

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 43 Surface 41 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-06-00	07-15	0		
06-30	3-06-30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
PL 91.6		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

163-44

No. *35* Date *July*  
*Sigsbee* Machine. Reel.  
 Turns *52* Cor. + *2* Depth *54*  
 Shot or lead *25*  
 Bottom *fine blk. S*  
 Bottom temperature \_\_\_\_\_  
 No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_  
 Corrected temperature \_\_\_\_\_  
 Air *43* Surface *41* Drift \_\_\_\_\_  
 Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3-46-35</i>	<i>47-10</i>	0		
<i>47-15</i>	<i>3-47-20</i>	<del>100</del>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
<i>P.L.</i>	<i>95.6</i>	1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54-291 163-37  
 607. *J.A.H.*

No. *3315* Date *July 10, 1898*  
*Tanner* Machine. Reel.  
 Turns *55* Cor. + *2* Depth *57 fms*  
 Shot or lead *25 lbs.*  
 Bottom *co. blk. S. Peb*  
 Bottom temperature *37.3*  
 No. of thermometer *66734* Cor. *-*  
 Corrected temperature *37.3*  
 Air *43* Surface *41* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7:11</i>	<i>7:11</i>			
<i>4-28-55</i>	<i>27-30</i>	<i>0</i>		
<i>27-25</i>	<i>4-27-30</i>	<i>55</i>		
		<del>100</del>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*P.L. 1.6*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	543
	3600	55
	3700	<u>488</u>
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3506 Hyd Date July 15, 1894  
 Tanner Machine. Reel.  
 Turns 56 Cor. + 3 Depth 59 fms  
 Shot or lead 25 lbs  
 Bottom blk S. Veb  
 Bottom temperature 37.0  
 No. of thermometer 66734 Cor. -  
 Corrected temperature 37.0  
 Air 43 Surface 41 Drift  
 Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.11.11	7.11.11	0		
		56		
	5 13.35	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
PL 6.6		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700	523	12
	3800	56	5
	3900	587	6
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

107. *7/11/71* 54-34-30 03-21

No. *3507* Date *July 25 1871*  
*Tanner* Machine. Reel.

Turns *57* Cor. + *2* Depth *60 fms*

Shot or lead *25 lbs*

Bottom *flk s*

Bottom temperature *37.0*

No. of thermometer *66734* Cor. -

Corrected temperature *37.0*

Air *43* Surface *40* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5-51-00</i>	<i>6-00-25</i>	0		
<i>54-55</i>	<i>5-59-50</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
<i>PL. 116</i>		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	157.5
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

3508 354-37-13-14

No. 3508 Hyd. Date

Chamber Machine. Reel.

Turns 39 Cor. + 2 Depth 41 fms

Shot or lead 15 lb

Bottom sh. g.

Bottom temperature 39.

No. of thermometer 66434 Cor. -

Corrected temperature 39.0

Air 43 Surface 40 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0  
100  
200  
300  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

P.L. 15.6

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3509 Hyd Date July 1899.

Machine. Reel.

Turns 46 Cor. + 2 Depth 46 fms

Shot or lead 25 lb

Bottom gy S

Bottom temperature 38.

No. of thermometer 66734 Cor. -

Corrected temperature 38.0

Air 43 Surface 39 Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

21.6

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3510. Hyd. Date

James Machine. Reel.

Turns 24 Cor. + 1

Depth 25

Shot or lead lb

Bottom gy S.

Bottom temperature 41.

No. of thermometer 66734

Cor. —

Corrected temperature 41.0

Air 43 Surface 39

Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Sp. K. D.*

7-37-00

No. 3571 *Hyd.* Date *July 1892*  
*Tanner* Machine. (Reel.

Turns *29* Cor. + *1* Depth *30 fms.*

~~Shot or lead~~ *25 lb.*

Bottom *gy. s.*

Bottom temperature *40.0*

No. of thermometer *66724* Cor. -

Corrected temperature *40.0*

Air *42* Surface *37* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8.15.00</i>	<i>13.30</i>	0		
<i>15.20</i>	<i>8.15.21</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
<i>8.15.22</i>		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500		
	2600		
	2700		
	2800		
	2900		
	3000	543	12
	3100	79	
	3200	<u>514</u>	
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO., OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

J.R.D. 11-2-59  
 No. 3572 Hyd. Date July 15" 94  
 Machine. Reel.  
 Turns 36 Cor. + 2 Depth 38 fms  
 Shot or lead 25 lb.  
 Bottom s. gy.  
 Bottom temperature 37.0  
 No. of thermometer 66735 Cor. +  
 Corrected temperature 39.0  
 Air 42 Surface 39 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
28.00	28.00	0		
28.20	28.21	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500		
	2600		
	2700		
	2800		
	2900		
	3000	57 3	12
	3100	3 6	10
		5 0 7	2
	3200		3 6
	3300		3 8 min
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3513 Hyd. Date July 15<sup>th</sup> 94  
 Sigsbee Machine. Reel.  
 Turns 29 Cor. + 1 Depth 30 fms  
 Shot or lead 25 lb  
 Bottom blk. s. & g. oo.  
 Bottom temperature 40.0  
 No. of thermometer 66735 Cor. -  
 Corrected temperature 40.0  
 Air 43 Surface 39 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.57.15	8.58.15	0		
57.45	57.46	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. H. J. 28.8

	2500	
	2600	
	2700	
	2800	
	2900	521.3 12
	3000	209 11
	3100	514 1
	3200	290 3
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1112. 5-107. 1112. 5-107. 1112. 5-107.

No. 35724 / 157 Date May 15 1892  
Machine. Reel.  
Turns 44 Cor. + 2 Depth 46 fms  
~~Shot or lead~~ 25 lb  
Bottom Gn. M.  
Bottom temperature 38°  
No. of thermometer 66735 Cor. -  
Corrected temperature 38.0  
Air 43 Surface 39 Drift  
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.06.35	10.07.45	0		
07.05	07.07	44		
		100		
		200		
		300		
		400		
P. 36.5		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500		
	2600		
	2700		
	2800		
	2900	543	12
	3000	44	10
	3100	499	2
	3200		44
	3300		46
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54-46-163-01  
 No. 3575 Hyd. Date July 25, 1911  
 Machine. Reel.  
 Turns 22 Cor. + 1 Depth 23 fms  
 Shot or lead 25 lb  
 Bottom rky.  
 Bottom temperature 40°  
 No. of thermometer 69485 Cor. +0.1  
 Corrected temperature 40.1  
 Air 48 Surface 41 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10, 42	10, 43.54	0		
43	10, 43, 10	200		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
10, 44, 83, 7		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54-38 = 162-58-30

*Hyd.*

No. 3576 Date July 23<sup>rd</sup> 1894  
 Tanner Machine. Reel.

Turns 48 Cor. + 2 Depth 50 fms.

Shot or lead 25 lb.

Bottom blk. s. x. f. e. b.

Bottom temperature

No. of thermometer 69485 Cor.

Corrected temperature

Air 47 Surface 40 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.12.00 13.30

12.30 13.00 48

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*P. S. G. 86.7*

*Therm. with trip.*

	2500		
	2600		
	2700		
	2800	5213	12
	2900	48	<u>10</u>
	3000	4190	2
	3100		<u>48</u>
	3200		50
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

803.

No. 3517 *Lyd.* Date *July 22 76.*  
*Tanner* Machine. Reel.  
 Turns 36 Cor. + 2 Depth *38 fms*  
 Shot or lead *25 lb.*  
 Bottom *rk.*  
 Bottom temperature  
 No. of thermometer *69485* Cor. —  
 Corrected temperature —  
 Air *48* Surface *41* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>17. 35.00</i>	<i>11. 40.15</i>	0		
<i>39.30</i>	<i>11. 39.30</i>	36		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*P. Log. 81.7*

*Thompson*

	2500		
	2600		
	2700		
	2800		
	2900	543	12
	3000	36	10
	3100	501	3
	3200		3
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3578 *High* Date *July 23 94*  
*Tanner* Machine. Reel.  
 Turns 31 Cor. + 2 Depth 33 fms  
~~Shot or lead~~ 35 lb.  
 Bottom *SA*  
 Bottom temperature 41°  
 No. of thermometer 667324 Cor. -  
 Corrected temperature 41.0  
 Air 49 Surface 42 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12, 05, 45	12, 06, 45	0		
06, 15	16, 00	31		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	52/3 12
	2900	31 10
	3000	<u>512</u>
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54° 15' N 112° 49' W

No. 3519 Date July 22, 1894

Machine. Reel.

Turns 31 Cor. + 2 Depth 33 fms

Shot or lead 25 lb

Bottom rky

Bottom temperature 41.2

No. of thermometer 66734 Cor. -

Corrected temperature 41.2

Air 49 Surface 44 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	14-10	00		
30	1-13-35	31		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	5 12
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

58-18 = 175-57

No. 5520 H. Date August 2<sup>nd</sup> 1891  
 Reel Machine. Reel. L. 1  
 Turns 1279 Cor. + 04 Depth 1283 fms  
 Shot or lead 60 lbs.  
 Bottom gy. s. fine S.  
 Bottom temperature 35.0  
 No. of thermometer 63902 Cor. -  
 Corrected temperature 35.0  
 Air 49 Surface 43 Drift  
 Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

9.50	17.47	0
10.00	17.52	100
10.10	18.04	200
10.20	18.17	300
10.30	18.30	400
10.40	18.47	500
10.50	19.03	600
11.00	19.08	700
11.10	19.15	800
11.20	19.17	900
11.30	19.12	1000
11.40	19.13	1100
11.50	19.09	1200
12.00	19.10	1279
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100		4175	57	
200		150		
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

58-27 = 176-51

58-27 = 176-51

No. 3521 Date

Machine. Reel. No. 142

Turns 1700 Cor. + 70 Depth 1827 fms

Shot or lead 60

Bottom gy. s. m.

Bottom temperature 35.6

No. of thermometer 63902 Cor.

Corrected temperature 35.6

Air 50 Surface 41.1 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0.21.30	2.47.30	0		
0.21.50	2.46.50	100		
0.22.10	2.46.10	200		
0.22.30	2.45.30	300		
0.22.50	2.44.50	400		
0.23.10	2.44.10	500		
0.23.30	2.43.30	600		
0.23.50	2.42.50	700		
0.24.10	2.42.10	800		
0.24.30	2.41.30	900		
0.24.50	2.40.50	1000		
0.25.10	2.40.10	1100		
0.25.30	2.39.30	1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		41		
50		17		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

58-37 = 177-45

No. 3522 Date Aug 3 1891

Machine. Reel. No. 1

Turns 669 Cor. + 46 Depth 717 fms

Shot or lead 60 lbs

Bottom gn m. s.

Bottom temperature 36.4

No. of thermometer 63902 Cor. -

Corrected temperature 36.4

Air 49 Surface 43 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

77-21-0 32-15  
21-50 32-25  
21-50 31-30  
23-30 31-10  
33-30 30-30  
25-10 27-45  
36-45 27-15

0  
100  
200  
300  
400  
500  
600  
669  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

P.L. 93.9

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

15  
111  
28  
667  
717

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

58-40 = 178-03

No. *5532* Date *Aug 17/97*  
*Sigsbee* Machine. Reel. *Star*  
 Turns *340* Cor. + *10* Depth *350*  
 Shot or Lead *35 lb*  
 Bottom *fine gy S. Muds.*  
 Bottom temperature *38.*  
 No. of thermometer *63902* Cor. *-*  
 Corrected temperature *38.0*  
 Air *50* Surface *43* Drift  
 Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>12.41</i>	<i>12.41</i>	0		
<i>12.41</i>	<i>12.41</i>	100		
<i>12.41</i>	<i>12.41</i>	200		
<i>12.41</i>	<i>12.41</i>	300		
<i>12.41</i>	<i>12.41</i>	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

58-42 = 178-12

No. 3524

Date Jan 3<sup>rd</sup>

Machine.

Reel.

Turns 341 Cor. + 28

Depth 369 fms ✓

Shot or lead 35 lbs

Bottom fine gy S

Bottom temperature 38.0

No. of thermometer 63902

Cor.

Corrected temperature 38.0

Air 49

Surface 43

Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
10.18.30	29.14	0		
19.54	28.19	100		
21.06	27.21	200		
22.10	26.10	300		
22.47	10.24.39	(341) 400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50		1117		
100				
200				
300			3.9	
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

107.

58-45=178.30

No. 3525 Date Aug 11 1881

Machine.

Reel.

Turns 1154 Cor. + 77

Depth 1231 fms V

Shot or lead 35 lb

Bottom fine gy S

Bottom temperature 35.0

No. of thermometer 103902 Cor.

Corrected temperature 35.0

Air 48 Surface 43 Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

Time.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
11.12		38.30	0		
11.20		37.50	100		
11.30		37.10	200		
11.40		36.30	300		
11.50		35.50	400		
12.00		35.10	500		
12.10		34.30	600		
12.20		33.50	700		
12.30		33.10	800		
12.40		32.30	900		
12.50		31.50	1000		
13.00		31.10	1100		
13.10		30.30	1154		
13.20		29.50	1200		
13.30		29.10	1300		
13.40		28.30	1400		
13.50		27.50	1500		
14.00		27.10	1600		
14.10		26.30	1700		
14.20		25.50	1800		
14.30		25.10	1900		
14.40		24.30	2000		
14.50		23.50	2100		
15.00		23.10	2200		
15.10		22.30	2300		
15.20		21.50	2400		

11.12 18.11

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50		4155	0.59	
100		2154		
200		3151	1	
300			11.24	
400			12.31	
500				
600				
700				
800				
900				
1000				

REMARKS:

8-  
Cor.

58-48=178.49

No. 3026 / 1/11, Date Aug 11/92

Sigsbee Machine. Reel. 1/11/92

Turns 1724 Cor. + 106 Depth 1830 fms

Shot or lead 60 lb

Bottom gy. M. fine S.

Bottom temperature 35.0

No. of thermometer 62902 Cor.

Corrected temperature 35.0

Air 46 Surface 42 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2.32.00	2.15.15	0
5.00	14.00	100
7.00	13.00	200
9.00	12.00	300
11.00	11.00	400
13.00	10.00	500
15.00	09.00	600
17.00	08.00	700
19.00	07.00	800
21.00	06.00	900
23.00	05.00	1000
25.00	04.00	1100
27.00	03.00	1200
29.00	02.00	1300
31.00	01.00	1400
33.00	00.00	1500
35.00	57.15	1600
37.00	55.45	1700
39.00	54.00	1800
41.00	52.00	1900
43.00	50.00	2000
45.00	48.00	2100
47.00	46.00	2200
49.00	44.00	2300
51.00	42.00	2400

	2500	
	2600	
	2700	
	2800	217.5
	2900	1724
	3000	2457
	3100	
	3200	1714
	3300	1823
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200			139	
300		1724	106	
400		1921	1721	
500			1838	
600				
700				
800				
900				
1000				

REMARKS:

58-52=179-07

No. 3527 Date *July 1 1882*  
Machine. Reel. *W. H. S.*  
Turns *1790* Cor. + *10* Depth *1800*  
Shot or lead *60 lbs*  
Bottom *gy S*  
Bottom temperature *35.1*  
No. of thermometer *66665* Cor. *-*  
Corrected temperature *35.1*  
Air *46* Surface *42* Drift  
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>21-25</i>	<i>56-10</i>	0		
<i>22-20</i>	<i>55-25</i>	100		
<i>23-20</i>	<i>54-15</i>	200		
<i>24-15</i>	<i>53-30</i>	300		
<i>25-10</i>	<i>52-20</i>	400		
<i>25-55</i>	<i>51-35</i>	500		
<i>26-50</i>	<i>50-50</i>	600		
<i>27-40</i>	<i>49-50</i>	700		
<i>28-40</i>	<i>48-10</i>	800		
<i>29-35</i>	<i>47-15</i>	900		
<i>30-30</i>	<i>46-20</i>	1000		
<i>31-35</i>	<i>45-30</i>	1100		
<i>32-30</i>	<i>44-30</i>	1200		
<i>33-45</i>	<i>43-30</i>	1300		
<i>34-35</i>	<i>42-30</i>	1400		
<i>36-15</i>	<i>41-20</i>	1500		
<i>37-15</i>	<i>40-10</i>	1600		
<i>37-25</i>	<i>39-40</i>	1700	<i>P.L. 380</i>	
<i>38-30</i>	<i>38-30</i>	1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600	24175	157
	3700	1767	54
	3800	2468	115
	3900		1757
	4000		1512

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50		4175	157	
100		551	54	
200		741	115	
300			1757	
400			1512	
500				
600				
700				
800				
900				
1000				

# REMARKS:

6 turns of wire taken off & new string run through.

*J. K. H.*

58-56=179-25

No. 55-8 Date Aug 11, 1891

Machine.

Reel.

Turns 1732 Cor. + 106

Depth 1838 fms

Shot or lead 60 lbs.

Bottom

Bottom temperature 35.0

No. of thermometer 63902 Cor. —

Corrected temperature 35.0

Air 46 Surface 42 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
01-30	8-00-25	0		
02-40	59-15	100		
03-45	58-25	200		
04-30	57-47	300		
05-25	57-15	400		
06-20	56-20	500		
07-15	55-35	600		
08-10	54-50	700		
09-05	54-00	800		
10-00	53-10	900		
11-00	52-15	1000		
12-00	51-20	1100		
13-00	50-25	1200		
14-00	49-25	1300		
15-00	48-15	1400		
16-15	47-05	1500		
17-25	46-00	1600		
18-50	7-45-30	1732		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

PL 40.8

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	1732 107
	3500	1732 52
	3600	2437 107
	3700	1732
	3800	1839
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50		1732	107	
100		1732	52	
200		2437	107	
300			1732	
400			1839	
500				
600				
700				
800				
900				
1000				

REMARKS:

59-25=179-13

No. 3539 Date August 7/1898

Machine. Reel.

Turns/662 Cor. + 10.2 Depth 1765 fms

Shot or lead 60 lb

Bottom gy s. sh.

Bottom temperature 35.2

No. of thermometer 63902 Cor. -

Corrected temperature 35.0

Air 55 Surface 44 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.54.00	12.51.00	0
		100
		200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
12.00.00	10.15	1300
01.15	09.15	1400
02.30	08.15	1500
	07.15	1600
05.00		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

59-25=179-13

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4169	158	
50		4169	50	
100		4169	100	
200			150	
300			170	fmv
400				
500				
600		4169	170	
700		4169	170	
800		4169	170	
900			170	
1000			170	

REMARKS:

59° 55' N. 179° 01' W

No. 3530 Date (Aug 11, 1881)  
 Machine. Reel. Tension 2  
 Turns 666 Cor. + 47 Depth 713 fms  
 Shot or lead 35 lbs  
 Bottom gy. s. m. sh.  
 Bottom temperature 30.3  
 No. of thermometer 63902 Cor. -  
 Corrected temperature 36.3  
 Air 47 Surface 44 Drift  
 Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
7-10	2-10	0		
		100		
6-50	1-2	200		
5-50	18-50	300		
4-50	18-40	400		
3-50	18-30	500		
2-50	18-20	600		
1-50	18-10	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		8.0
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

10  
111  
47  
666  
713

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3531 *Hyd.* Date *Aug 14 1882*  
*Sigsbee* Machine. Reel. *Nov. 42*  
 Turns *170* Cor. + *13* Depth *183 fms*  
 Shot or lead *35 lb.*  
 Bottom *gy. M. + fine sh.*  
 Bottom temperature *28*  
 No. of thermometer *62702* Cor. *-*  
 Corrected temperature *38.0*  
 Air *48* Surface *44* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5.06.25</i>	<i>17.00</i>	0		
<i>07.10</i>	<i>11.00</i>	100		
<i>08.10</i>	<i>9.10.30</i>	<i>170</i>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500		
	2600		
	2700		
	2800	4164	158
	2900	176	145
	3000	3879	53
	3100		170
	3200		183
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*58-00 = 172-58*

No. *3532* Date *Aug 7 1880*

*Tanner* Machine. Reel.

Turns *58* Cor. + *3* Depth *61 fms*

Shot or lead *26*

Bottom *fine dk S*

Bottom temperature *36.0*

No. of thermometer *66665* Cor. *0*

Corrected temperature *36.0*

Air *51* Surface *45* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*10-17-30 19-30 0*

*18-15 10-18-20 58*

*100*

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600	(1.2)	1.2
	3700	22.8	5
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

55-40 = 171-16

No. 1. *Sigsbee* Date *Aug 10/94*  
*Tanner* Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Surface  
 Bottom temperature *44.0*

No. of thermometer Cor.

Corrected temperature

Air *53* Surface *45* Drift

Trawl or dredge *Intermediate Net*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>9.54.48</i>	<i>10.17.40</i>
		100	<i>10.00.00</i>	
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Bottom reached 2 min for 15 min. after  
 10.00.00 - 10.01.15. 10.01.15. 10.01.15. 10.01.15.  
 10.01.15. 10.01.15. 10.01.15. 10.01.15.*

*10.01.15. 10.01.15. 10.01.15. 10.01.15.*

*10.01.15. 10.01.15. 10.01.15. 10.01.15.*

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45.0	66744		
1250	48.0	62517		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Remained small and clear*

55-38=171.09

No. 7 Seal Date Aug 10/94  
Tanner. Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Surface

Bottom temperature 44.0.

No. of thermometer

Cor. .

Corrected temperature

Air 54 Surface 45 Drift

Trawl or dredge On time dredge net.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	11.42.00	04.30.
		100	11.44.50	12.00.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Sound surface with 12 minute.  
caught fish eggs.

Small messenger down at 11.48.00; shot at 11.49.30.  
12.00.34. shot at 12.01.40.  
large

Ship ahead at 11.49.00

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
(5) 25	49.0	56735	0.0	49.0
(10) 50	51.0	56738	0.0	51.0
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2. Numerous small crustaceans and  
Squilla.

*No.**Date**Machine. — Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*No.**Date**Machine.**Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*No.**Date**Machine.**Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*No.**Date**Machine.**Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

54 3, 12

23 fms.

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